

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A radio communication method of conducting data transmission and reception in a system with a automatic repeat request between a radio base station and a radio terminal by executing one or more processes for automatic repeat request, the radio communication method comprising the steps of:

executing the automatic repeat request processes in the radio base station and in the radio terminal, and transmitting/receiving data to/from the radio terminal;

monitoring in the radio base station for the occurrence of handover or for a possibility of occurrence of handover in the radio terminal; and

limiting the number of retransmission processes executed at the executing step according to a result of monitoring conducted at the monitoring step.

Claim 2 (Previously Presented): A radio base station in a system with automatic repeat request for conducting data transmission and reception with a radio terminal, the radio base station comprising:

a process executer for executing processes for automatic repeat request based on processes for automatic repeat request executed in the radio terminal, and transmitting/receiving data to/from the radio terminal;

a handover monitor for monitoring for the occurrence of handover or for a possibility of occurrence of handover in the radio terminal; and

a process number controller for limiting the number of retransmission processes executed by the process executer according to a result of monitoring conducted by the handover monitor.

Claim 3 (Previously Presented): The radio base station according to claim 2, wherein the handover monitor is configured to detect a possibility of occurrence of handover on the basis of an error rate in radio communication between the radio base station and the radio terminal.

Claim 4 (Currently Amended): The radio base station according to claim 2, wherein the handover monitor is configured to detect a possibility of occurrence of handover on the basis of a distance between the radio base station and the radio terminal.

Claim 5 (Previously Presented): The radio base station according to claim to 2, wherein the process number controller comprises a threshold table in which an index value indicating the occurrence of handover or a possibility of its occurrence is associated with a threshold in the number of processes that can be executed, and

the process number is configured to collate a result of monitoring conducted by the handover monitor with the threshold table, and to limit the number of processes that can be executed, on the basis of a result of the collation.

Claim 6 (Previously Presented): The radio base station according to claim 2, wherein the process executer comprises a retransmission process detector for detecting a process that is conducting data retransmission, and

the process executer is configured to conduct, if a process that is conducting data retransmission is detected, data transmission and reception by preferentially using the process that is conducting the data retransmission.

Claim 7 (Previously Presented): A radio terminal for conducting data transmission and reception with a radio base station by executing one or more automatic repeat request processes, the radio terminal comprising:

a handover monitor for monitoring for the occurrence of handover or for a possibility of occurrence of handover in the radio terminal;

a handover requester for transmitting handover requesting information to the radio base station according to a result of the monitoring conducted by the handover monitor;

a process executer for conducting data transmission and reception by using the number of automatic repeat request processes that can be executed and determined by the radio base station; and

a process number controller for limiting the number of retransmission processes executed in the process executer based on a threshold obtained from the radio base station.

Claim 8 (Original): The radio terminal according to claim 7, wherein the handover monitor detects a possibility of occurrence of handover on the basis of an error rate in radio communication between the radio base station and the radio terminal.

Claim 9 (Original): The radio terminal according to claim 7, wherein the handover monitor detects a possibility of occurrence of handover on the basis of a distance between the radio base station and the radio terminal.